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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/700,626	11/17/2000	Wolfgang Hultsch	0112740-113	8129

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EXAMINER

DUONG, DUC T

ART UNIT	PAPER NUMBER
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2663

DATE MAILED: 07/23/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/700,626

Applicant(s)

HULTSCH, WOLFGANG

Examiner

Duc T. Duong

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 May 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 9-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 9-11 and 14-16 is/are rejected.
- 7) ☒ Claim(s) 12 and 13 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 9, 14, and 15 are rejected under 35 U.S.C. 102(e) as being anticipated by Yoshida et al (U.S. Patent 6,466,562 B1).

Regarding to claims 9 and 14, Yoshida discloses an apparatus for real-time transmission of compressed data (Fig. 1), comprising a receiving unit 29 (Fig. 5 col. 6 lines 18-24) for receiving useful data and filling data which arrive as a data stream with a constant rate (64 kbps) via circuit-switched connection (ISDN) of a first communication network (col. 8 lines 15-35); a control unit 56 for removing the filling data contained in the data stream with the constant rate (Fig. 10 col. 10 lines 21-24) and for reformatting the useful data contained in the data stream with the constant rate (col. 11 lines 5-7); and a sending unit 29 for sending the reformatted useful data as a data

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stream with a variable data (full rate or half rate) rate via packet-oriented connection (mobile network) of a second communication network (col. 11 lines 8-32).

Regarding to claim 15, Yoshida discloses the apparatus is connected between a line-connected communications network and a mobile communication network (Fig. 1 col. 33-40).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 10 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yoshida.

Regarding to claims 10 and 16, Yoshida discloses all the limitation with respect to claims 9 and 14, including the useful data is a video data (col. 1 lines 55-57, multimedia data read on video data). However, Yoshida fails to disclose the video data is compressed. However, to compress the video data would have been obvious to one of skilled in the art for optimizing transmission bandwidth.

5. Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yoshida in view of Eng et al (U.S. Patent 5,623,495).

Regarding to claim 11, Yoshida discloses all the limitation with respect to claim 9, except for communicating quality data for identifying transmission quality of the packet-

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oriented connection to the second communications network. However, Eng discloses a wireless ATM local area network comprising checking for the availability of bandwidth and other QoS measures (col. 10 lines 31-38). Thus, it would have been obvious to one of skilled in the art to include determining the transmission quality as taught by Eng to ensures guaranteed jitter bounds for video traffic.

Allowable Subject Matter

6. Claims 12 and 13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

7. Applicant's arguments filed on May 3, 2004 have been fully considered but they are not persuasive. Regarding to Applicant's argument on page 4, Yoshida is not configured to for receiving useful data and filling data and instead configured for receiving modulated carrier is direct to col. 5 lines 63-65. Herein, Yoshida discloses the modulated carrier having both control data (filling data) and data information (useful data). Regarding to Applicant's argument on page 4, Yoshida fails to teach for reformatting a data stream of constant data rate into a data stream of a variable data rate is direct to Fig. 8A-B col. 8 lines 42-57. Herein, Yoshida discloses two channels slot 58 and 59 (the information in the two channels slots are data stream with a constant data rate 64 kbps coming from the ISDN network) are separated (reformatted) into a personal handy-phone system PHS data channels that are either half rate or full rate (noted in the references 72 and 73 of the figures show that the reformatting of the data

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stream of the channels slots can be both half and full rate, it can varied from one to another). In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., Yoshida avoids converting non-restricted full rate PHS data to 64 kbps ISDN B-channel data by adding "dummy" bits to PHS data to create a B-channel slot) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

Conclusion

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duc T. Duong whose telephone number is 703-605-5146. The examiner can normally be reached on M-Th (9:00 AM-6:00 PM).

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chau T. Nguyen can be reached on 703-308-5340. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DD

DD

ANDY LEE
PATENT EXAMINER
HENRY
ESTANLEY